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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p>Complete if Known</p>	
Sheet	1	of	3	Application Number	09/381,588
				Filing Date	9/20/1999
				First Named Inventor	Shattil, Steve J.
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	

Examiner Signature	<i>Kevin M Bond</i>	Date Considered	5/12/03
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Approved for use through 10/31/2002. OMB 0651-0031
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known

Application Number	09/381,588	Technology Center 2600 JUN 6 2001
Filing Date	9/20/1999	
First Named Inventor	Shahil, Steve S.	
Group Art Unit		
Examiner Name		
Attorney Docket Number		

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MMB	30	LINNARTZ, "Synchronous MC-CDMA in Dispersive Mobile Rayleigh Channels," Proc. 2nd IEEE Benelux Sig. Proc. Symposium, Hilversum, Neth. 23 Mar. 2000	
	31	YEE, "Controlled Equalization of Multi-Carrier CDMA in an Indoor Rician Fading Channel," IEICE Trans. on Comm., Japan, Vol. E77-B, No. 7 Jul. 1994.	
	32	YEE, "Wiener Filtering of Multi-Carrier CDMA in a Rayleigh Fading Channel," IEEE/ICCC PIMRC Conference, Hague, Vol. 4, pp 1344-1347 Sep. 19-23, 1994.	
	33	YANG, "Blind Joint Soft-Decision Assisted Slow Frequency-Hopping Multi-Carrier DS-CDMA," IEEE Trans. Comm., Vol 48, No. 9, Sep. 2000.	
	34	HARA, "Overview of Multicarrier CDMA," IEEE Communications Mag., Dec. 1997.	
	35	Frenger, "A Parallel Combinatory OFDM System," IEEE Trans. Comm., Vol. 47, No. 04, April 1999.	
	36	SAULNIER, "Performance of an OFDM Spread Spectrum Comm. System using Lapped Transforms," IEEE, 1997	
	37	CHANG, "Wavelet-Based Multi-carrier CDMA for Personal Comm. Systems," IEEE, 1996	
	38	YEE, "Multicarrier Code Division Multiple Access (MC-CDMA): A New Spreading Technique for Comm. over Multipath Channels," Final Report for Micro Project 93-101.	
	39	XU, "Performance of Multicarrier DS CDMA Systems in the Presence of Correlated Fading," IEEE, 1997	
✓	40	SOUROUR, "Performance of Orthogonal Multicarrier CDMA in a Multipath Fading Channel," IEEE Trans. Comm., VOL 44, NO. 3, MAR. 1996	

Examiner Signature

Rivzi M. Bhat

Date Considered

5/16/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	09/381,586
Filing Date	9/20/1999
First Named Inventor	Shahil, Steve J.
Group Art Unit	
Examiner Name	
Attorney Docket Number	

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Signature	<i>Kevin M. Bond</i>	Date Considered	5/12/03
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